

WHAT IS CLAIMED IS:

1. An image data processing device, comprising:  
a basic image data acquisition device that acquires  
5 basic image data;  
a simplified image data generation device that  
generates simplified image data corresponding to said basic  
image data which has been acquired, a size of said simplified  
image data being smaller than that of said basic image data;  
10 a transmission device that transmits at least said  
basic image data to an external storage device; and  
an internal storage device that stores said simplified  
image data without storing said basic image data.
- 15 2. An image data processing device according to Claim 1,  
further comprising:  
an identifying information generation device that  
generates identifying information for individually  
identifying correspondence between said basic image data and  
20 said simplified image data, wherein:  
said signal transmission device transmits at least said  
basic image data and said identifying information to the  
external storage device; and  
said internal storage device stores said simplified  
25 image data and said identifying information.

3. An image data processing device according to Claim 1,  
 wherein said internal storage device temporarily stores said  
 basic image data and said simplified image data, and deletes  
 5 only said basic image data after said signal transmission  
 device has transmitted said basic image data to the external  
 storage device.

4. An image data processing device according to Claim 1,  
 10 wherein said signal transmission device performs a  
 communication with the external storage device by radio.

5. An image data processing device according to Claim 2,  
 wherein:

15 said basic image data acquisition device, said  
 simplified image data generation device, said transmission  
 device, and said internal storage device perform processing  
 for a plurality of sets of basic image data;

a display device that displays a plurality of  
 20 simplified images corresponding to a plurality of sets of  
 simplified image data is provided;

a selection device that selects a single simplified  
 image from said plurality of simplified images which have been  
 displayed upon said display device is provided;

25 a command generation device that generates a delete

command for deletion of simplified image data and basic image data corresponding to a simplified image which is selected by said selection device is provided; and

5       said signal transmission device transmits identifying information and a delete command corresponding to the simplified image that has been selected, to the external storage device.

6.       An image data processing device according to Claim 5,  
10       wherein:

      said command generation device generates a protect command for preventing deletion of simplified image data and basic image data corresponding to a simplified image that is selected by said selection device; and

15       said signal transmission device transmits identifying information and a protect command corresponding to the simplified image that has been selected, to the external storage device.

20       7.       An image data processing device according to Claim 6, wherein:

      said command generation device generates a protection cancel command for canceling prevention of deletion of simplified image data and basic image data corresponding to  
25       a simplified image that is selected by said selection device;

and

said signal transmission device transmits identifying information and a protection cancel command corresponding to the simplified image that has been selected, to said external  
5 storage device.

8. An image data processing device according to Claim 2,  
wherein said identifying information includes inherent  
information that identifies the image data processing device  
10 individually.

9. An image data processing device according to Claim 1,  
further comprising:

a power supply control device that turns off a supply  
15 of power to the image data processing device upon actuation  
of an actuation member, wherein

if said actuation member is actuated while said signal  
transmission device is transmitting said basic image data to  
the external storage device, said power supply control device  
20 turns off said supply of power to the image data processing  
device after said signal transmission device has completed  
transmitting of said basic image data.

10. An image data processing device according to Claim 1,  
25 further comprising:

a display device that displays an image related to said basic image data or said simplified image data, wherein

said display device performs control so as to lower a brightness of display image, when said signal transmission device is transmitting said basic image data to the external storage device.

11. An electronic camera, comprising:

an image capturing device that captures an image of a  
10 photographic subject and generates basic image data based  
thereupon;

a simplified image data generation device that generates simplified image data corresponding to said basic image data which has been generated, a size of said simplified data being smaller than that of said basic image data;

a transmission device that transmits at least said basic image data to an external storage device; and

an internal storage device that stores said simplified image data without storing said basic image data.

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12. An electronic camera according to Claim 11, further comprising:

a continuous photography control device that performs control for continuous photography, wherein:

25           said internal storage device temporarily stores a

plurality of sets of basic image data and a plurality of sets of simplified image data, during continuous photography;

said transmission device transmits said plurality of sets of basic image data to the external storage device after  
5 the continuous photography has been completed; and

said internal storage device deletes a set of basic image data that has been transmitted by said transmission device.

10 13. An electronic camera according to Claim 12, further comprising:

a display device that displays images related to said basic image data or said simplified image data, wherein

said display device displays a plurality of simplified  
15 images corresponding to said plurality of sets of simplified image data; and

when said signal transmission device is transmitting a set of basic image data, said display device controls display of said plurality of simplified images so as to be  
20 able to identify a simplified image that corresponds to the set of basic image data which is being transmitted.

14. An image data storing system that transmits image data from an image data processing device to an external storage  
25 device and stores the image data in the external storage

device, comprising:

a basic image data acquisition device that is provided in said image data processing device and acquires basic image data;

5 a simplified image data generation device that is provided in said image data processing device and generates simplified image data corresponding to said basic image data which has been acquired, a size of said simplified image data being smaller than that of said basic image data;

10 a transmission device that is provided in said image data processing device and transmits at least said basic image data to said external storage device;

an internal storage device that is provided in said image data processing device and stores said simplified image data without storing said basic image data; and  
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an image storage device that is provided in said external storage device and stores at least said basic image data which has been transmitted from said image data processing device.

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15. An image data storing system according to Claim 14, further comprising:

an identifying information generation device that generates identifying information for individually  
25 identifying correspondence between said basic image data and

said simplified image data, wherein:

said transmission device of said image data processing device transmits at least said basic image data and said identifying information to said external storage device;

5        said internal storage device of said image data processing device stores said simplified image data and said identifying information; and

10        said image storage device of said external storage device stores at least said basic image data and said identifying information that have been transmitted from said image data processing device.

16.    An image data processing device according to Claim 1, wherein said transmission device transmits both said basic image data and said simplified image data to the external storage device.

17.    An image data processing device according to Claim 1, wherein said transmission device does not transmit said simplified image data to the external storage device.

18.    An electronic camera according to Claim 11, wherein said transmission device transmits both said basic image data and said simplified image data to the external storage device.

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19. An electronic camera according to Claim 11, wherein said transmission device does not transmit said simplified image data to the external storage device.

5 20. An image data storing system according to Claim 14,  
wherein said transmission device transmits both said basic  
image data and said simplified image data to the external  
storage device.

21. An image data storing system according to Claim 14,  
wherein said transmission device does not transmit said  
simplified image data to the external storage device.  
electronic camera

15     22.     An image data processing method, comprising:  
              acquiring basic image data;  
              generating simplified image data corresponding to said  
              basic image data that has been acquired, a size of said  
              simplified image data being smaller than that of said basic  
 20     image data;  
              transmitting at least said basic image data to an  
              external storage device; and  
              storing said simplified image data without storing said  
              basic image data.

23. A computer-readable computer program product containing a program for processing image data, the program comprising:

instructions for acquiring basic image data;

5 instructions for generating simplified image data corresponding to said basic image data that has been acquired, a size of said simplified image data being smaller than that of said basic image data;

10 instructions for transmitting at least said basic image data to an external storage device; and

instructions for storing said simplified image data, without storing said basic image data.

24. A computer-readable computer program product according to claim 23, wherein said computer-readable computer program product is a recording medium on which the program is recorded.

25. A computer-readable computer program product according to claim 23, wherein said computer-readable computer program product is a carrier wave in which the program is embodied as a data signal.